

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re application of: Jose Andres Morales Garzon et al.

International Application No.: PA/a/2002/011761

International Filing Date: October 30, 2002

Serial No.: 10/695104


Filed: October 28, 2003

Confirmation No.: 4820

Group: 1646

For: PREVENTION AND TREATMENT OF THE PORCINE
REPRODUCTIVE AND RESPIRATORY SYNDROME (PRRS)
USING IMMUNOGLOBULINS OBTAINED FROM EGG
YOLK FROM HENS HYPERIMMUNIZED WITH THE PRRS
VIRUS

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

CERTIFICATE OF MAILING
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage, in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on:
<u>May 7, 2004</u>
(Date of Mailing)
<u>Kristen R. Paris</u>
(Name of Person Mailing Document)
<u></u>
(Signature)

Dear Sirs:

INFORMATION DISCLOSURE STATEMENT

Pursuant to the duty of disclosure under 37 C.F.R. §1.56, Applicants submit this statement. This submittal is made in accordance with 37 C.F.R. §§1.97 and 1.98 and §609 of the Manual of Patent Examining Procedure. The patents, publications and other information herein are listed on the attached Form PTO/SB/08B. Copies of the listed references are submitted herewith.

Applicants hereby expressly reserve the right to swear behind the effective dates of any of the above patents and other publications and to question the relevance and materiality of the Patents and Publications listed herein, in whole, in part, or in combination, subsequent to filing this Information Disclosure Statement.

It is believed no fee is due for submission of this paper. If this is incorrect, the Commissioner is hereby authorized to charge any fee due to Locke Liddell & Sapp LLP Deposit Account No. 12-1781.

Respectfully submitted,



Kristen R. Paris
Registration No. 52,092

Date: May 7, 2004

LOCKE LIDDELL & SAPP LLP
2200 Ross Avenue, Suite 2200
Dallas, TX 75201-6776
Phone: 214/740-8678
Fax: 214/756-8678



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/695,104
Filing Date	October 28, 2003
First Named Inventor	Garzon
Art Unit	1646
Examiner Name	Unknown
Attorney Docket Number	44862 / 00001

Sheet 1 of 2

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	1	ALTSCHUH, D. et al., Determination of IgG and IgM levels in Serum by Rocket Immuno-electrophoresis Using Yolk Antibodies from Immunized Chickens, (cont'd)	
		1984, pp. 1-7. vol. 69, J. Immunol. Methods	
	2	CARLANDER, D. et al., Chicken Antibodies: A Clinical Chemistry Perspective, 1999, pp. 179-190, vol. 104, Upsala J. Med. Sci.	
	3	HATTA, H. et al., Passive Immunization against Dental Plaque Formation in Humans: Effect of a Mouth Rinse Containing Egg Yolk Antibodies (IgY) (cont'd)	
		Specific to Streptococcus mutans, 1997, pp. 268-274, vol. 31, Caries Res.	
	4	IKEMORI, Y. et al., Protection of neonatal calves against fatal enteric colibacillosis by administration of egg yolk powder from hens immunized with K99-piliated (cont'd)	
		enterotoxigenic Escherichia coli, 1992, pp. 2005-2008, vol. 53, Am. J. Vet. Res.	
	5	KUROKI, M. et al., Passive protection against bovine rotavirus in calves by specific immunoglobulins from chicken egg yolk, 1994, pp. 143-148, vol. 138, Arch. Virol.	
	6	LARSSON, A. et al., Chicken antibodies: a tool to avoid false positive results by rheumatoid factor in latex fixation tests, 1988, pp. 205-208, vol. 108, J. Immunol. Methods	
	7	LARSSON, A. et al., Chicken antibodies: a tool to avoid interference by complement activation in ELISA, 1992, pp. 79-83, vol. 156, J. Immunol. Methods	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Sheet 2 of 2	Application Number	10/695,104
	Filing Date	October 28, 2003
	First Named Inventor	Garzon
	Art Unit	1646
	Examiner Name	Unknown
	Attorney Docket Number	44862 / 00001

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	8	LARSSON, A. et al., Chicken antibodies: taking advantage of evolution, a review, 1993, pp. 1807-1812, vol. 72, Poultry Sci.	
	9	MARQUARDT, R., Antibody-loaded eggs for piglets: prevention of mortality of baby pigs from diarrhea, 1998, pp. 39-40, Proc. 2nd Int'l Symposium on Egg Nutrition (cont'd)	
		and Newly Emerging Ovo-Technologies, Alberta, Canada	
	10	SCHADE, R. et al., The production of avian (egg yolk) antibodies: IgY, 1996, pp. 925-934, vol. 24, Atla.	
	11	TIZARD, I.R., Principios generales de vacunacion y vacunas, 1998, pp. 295-313, Immunologia Veterinaria, 5aEd., McGraw-Hill	✓
		(English translation is: Vaccination and Vaccines, 1996, pp. 265-284, Veterinary Immunology, 5th Ed., W.B. Saunders Company)	
	12	YOKOYAMA, H. et al., A two-step procedure for purification of hen egg yolk immunoglobulin G: Utilization of Hydroxypropylmethylcellulose phthalate and (cont'd)	
		synthetic affinity ligand gel (Avid AL), 1993, pp. 275-281, vol. 72, Poultry Sci.	

Examiner Signature		Date Considered	
---------------------------	--	------------------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.